

Annexure I

S. No.	Chemicals and Solvents	Quantity
1.	Chloroform AR grade	2.5 L
2.	Ethanol Absolute	2.5 L
3.	Methotrexate pure powder drug	25 mg
4.	Dulbecco's Modified Eagle Medium (DMEM)	2.5 L
5.	RPMI 1640 Medium	2.5 L
6.	Fetal Bovine Serum	500ml
7.	Minimum Essential Medium (MEM)	2.5 L
8.	Dimethyl sulfoxide (DMSO) AR grade	500 ml
9.	Trypsin-EDTA Solution	500ml
10.	Sodium bicarbonate	500gm
11.	Hydrochloric acid	500ml
12.	MTT for tissue culture 3-(4,5-dimethyl-2-thiazoyl)2-5-diphenyl-2H-Tetrazolium bromide)	2gm
13.	Hemocytometer (Cell Counting device)	1
14.	Syringe Filters (0.22 μ m)	5
15.	Cyclohexane GC grade	2.5 L
16.	Acetonitrile GC grade	2.5 L
17.	Methanol GC grade	2.5 L
18.	Hexane GC grade	2.5 L
19.	Ethyl Acetate GC grade	2.5 L
20.	Toluene GC grade	2.5 L
21.	Acetone GC grade	2.5 L
22.	Heptane GC grade	2.5 L
23.	Acetonitrile GC grade	2.5 L
24.	Isopropyl alcohol GC grade	2.5 L
25.	Dimethyl sulfoxide (DMSO) GC Grade	2.5 L
26.	GC Column USP phase G27. HP-1 (30m x 0.23mm,3.0 μ m)	1
27.	GC Manual Syringes	1
28.	Tip boxes- 20 μ l	5 boxes
	200 μ l	5 boxes
	1000 μ l	5 boxes
29.	Nitro blue tetrazolium (NBT)	5 gm
30.	1,1 diphenylpicrylhydrazyl (DPPH)	2 gm
31.	Filter paper(whattman filter)	10 packet
32.	Test Tube (Glass) 10-15 ml	100
33.	Conical Flask 250 ml	10